

## **EXHIBIT D**

# GOODMAN & GILMAN's The PHARMACOLOGICAL BASIS OF THERAPEUTICS

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## Therapeutic Agents Useful in Neoplastic Disease

CLASS	TYPE OF AGENT	NONPROPRIETARY NAMES (OTHER NAMES)	DISEASE*
	Nitrogen Mustards	Mechlorethamine	Hodgkin's disease, non-Hodgkin's lymphomas
		Cyclophosphamide Ifosfamide	Acute and chronic lymphocytic leukemias, Hodgkin's disease, non-Hodgkin's lymphomas, multiple myeloma, neuroblastoma, breast, ovary, lung, Wilms' tumor, cervix, testis, soft-tissue sarcomas
		Melphalan (L-sarcolysin)	Multiple myeloma, breast, ovary
		Chlorambucil	Chronic lymphocytic leukemia, primary macroglobulinemia, Hodgkin's disease, non-Hodgkin's lymphomas
	Ethylenimines and Methylmelamines	Hexamethylmelamine	Ovary
		Thiotepa	Bladder, breast, ovary
	Alkyl Sulfonates	Busulfan	Chronic granulocytic leukemia
	Nitrosoureas	Carmustine (BCNU)	Hodgkin's disease, non-Hodgkin's lymphomas, primary brain tumors, multiple myeloma, malignant melanoma
		Lomustine (CCNU)	Hodgkin's disease, non-Hodgkin's lymphomas, primary brain tumors, small-cell lung
		Semustine (methyl-CCNU)	Primary brain tumors, stomach, colon
		Streptozocin (streptozotocin)	Malignant pancreatic insulinoma, malignant carcinoid
	Triazines	Dacarbazine (DTIC; dimethyltriazenoimidazolecarboxamide)	Malignant melanoma, Hodgkin's disease, soft-tissue sarcomas
	Folic Acid Analogs	Methotrexate (amethopterin)	Acute lymphocytic leukemia, choriocarcinoma, mycosis fungoides, breast, head and neck, lung, osteogenic sarcoma
	Pyrimidine Analogs	Fluorouracil (5-fluorouracil; 5-FU) Flouxuridine (fluorodeoxyuridine; FUDR)	Breast, colon, stomach, pancreas, ovary, head and neck, urinary bladder, premalignant skin lesions (topical)
		Cytarabine (cytosine arabinoside)	Acute granulocytic and acute lymphocytic leukemias

\* unless otherwise indicated.

Table X-1  
Chemotherapeutic Agents Useful in Neoplastic Disease (Continued)

CLASS	TYPE OF AGENT	NONPROPRIETARY NAMES (OTHER NAMES)	DISEASE*
<i>Antimetabolites (cont.)</i>	Purine Analogs and Related Inhibitors	Mercaptopurine (6-mercaptopurine; 6-MP)	Acute lymphocytic, acute granulocytic and chronic granulocytic leukemia
		Thioguanine (6-thioguanine; TG)	Acute granulocytic, acute lymphocytic and chronic granulocytic leukemia
		Pentostatin (2'- deoxycoformycin)	Hairy cell leukemia, mycosis fungoides, chronic lymphocytic leukemia
<i>Natural Products</i>	Vinca Alkaloids	Vinblastine (VLB)	Hodgkin's disease, non-Hodgkin's lymphomas, breast, testis
		Vincristine	Acute lymphocytic leukemia, neuro- blastoma, Wilms' tumor, rhabdomyo- sarcoma, Hodgkin's disease, non- Hodgkin's lymphomas, small-cell lung
	Epipodophyl- lotoxins	Etoposide  Teniposide	Testis, small-cell lung and other lung, breast, Hodgkin's disease, non-Hodgkin's lymphomas, acute granulocytic leukemia, Kaposi's sarcoma
	Antibiotics	Dactinomycin (actinomycin D)	Choriocarcinoma, Wilms' tumor, rhab- domyosarcoma, testis, Kaposi's sarcoma
		Dannorubicin (daunomycin; rubidomycin)	Acute granulocytic and acute lympho- cytic leukemias
		Doxorubicin	Soft-tissue, osteogenic, and other sarcomas; Hodgkin's disease; Hodgkin's lymphomas; acute leukemias, breast, genitourinary thyroid, lung, stomach, neuro- blastoma
		Bleomycin	Testis, head and neck, skin, esophagus, lung, and genitourinary tract; Hodgkin's disease, non-Hodgkin's lymphomas
		Plicamycin (mithramycin)	Testis, malignant hypercalcemia
		Mitomycin (mitomycin C)	Stomach, cervix, colon, breast, pancreas, bladder, head and neck
	Enzymes	L-Asparaginase	Acute lymphocytic leukemia

\*Neoplasms are carcinomas unless otherwise indicated.

## Therapeutic Agents Useful in Neoplastic Disease (Continued)

	TYPE OF AGENT	NONPROPRIETARY NAMES (OTHER NAMES)	DISEASE*
	Biological Response Modifiers	Interferon-alfa	Hairy cell leukemia, Kaposi's sarcoma, melanoma, carcinoid, renal cell, ovary, bladder, non-Hodgkin's lymphomas, mycosis fungoides, multiple myeloma, chronic granulocytic leukemia
	Platinum Coordination Complexes	Cisplatin ( <i>cis</i> -DDP) Carboplatin	Testis, ovary, bladder, head and neck, lung, thyroid, cervix, endometrium, neuroblastoma, osteogenic sarcoma
	Anthracenedione	Mitoxantrone	Acute granulocytic leukemia, breast
	Substituted Urea	Hydroxyurea	Chronic granulocytic leukemia, polycythemia vera, essential thrombocytosis, malignant melanoma
	Methylhydrazine Derivative	Procarbazine (N-methylhydrazine, MIH)	Hodgkin's disease
	Adrenocortical Suppressant	Mitotane ( <i>o,p'</i> -DDD)	Adrenal cortex
		Aminoglutethimide	Breast
	Adrenocorticosteroids	Prednisone (several other equivalent preparations available; see Chapter 59)	Acute and chronic lymphocytic leukemias, non-Hodgkin's lymphomas, Hodgkin's disease, breast
	Progestins	Hydroxyprogesterone caproate Medroxyprogesterone acetate Megestrol acetate	Endometrium, breast
	Estrogens	Diethylstilbestrol Ethinyl estradiol (other preparations available; see Chapter 57)	Breast, prostate
	Antiestrogen	Tamoxifen	Breast
	Androgens	Testosterone propionate Fluoxymesterone (other preparations available; see Chapter 58)	Breast
	Antiandrogen	Flutamide	Prostate
	Gonadotropin-Releasing Hormone Analog	Leuprolide	Prostate

\* carcinomas unless otherwise indicated.